**COURSE KEY**

(catalog descriptions)

**Level 1: Preparation for Algebra**

Fractions, decimals, percents, order of operations, scientific notation, formulas, signed numbers, exponents, radicals, geometric figures, and applications.

**Level 2: Elementary Algebra I**

First half of sequence in beginning algebra. Properties of real numbers, evaluating algebraic expressions, simplifying algebraic expressions, solving linear equations and inequalities, adding, subtracting, multiplying, dividing and simplifying monomial fractions, solving fractional equations and inequalities, graphing linear equations in two variables, finding equations of lines, solving linear systems by graphing.

**Level 3: Elementary Algebra II**

Second half of sequence in beginning algebra. Solving linear systems by graphing, substitution and elimination, factoring polynomials, adding, subtracting, multiplying, dividing and simplifying rational expressions, solving rational equations and applications, simplifying integer exponent expressions, radical expressions, solving quadratic equations and applications.

**Level 4: Intermediate Algebra**

Polynomials, rational expressions, exponents, radicals, linear and quadratic equations, inequalities, systems of equations, logarithms, distance and midpoint formulas, lines and circles.